

INDEXES TO VOLUME 7

Author Index

Adornato BT, 125, 324

Ahmann PA, 118

Allen JH, 18

Allen RJ, 92

Amin-Zaki L, 348

André-Kildare MW, 389

Angel RW, 73

Angelini C, 5

Antel JP, 436

Antunes JL, 496

Apacito M, 496

Appenzeller O, 251

Armburstmacher VW, 65

Arnason BGW, 436

Asbury AK, 354

Assis LJP, 81

Atkinson R, 251

Balagura S, 84

Ball MJ, 462

Ballenger CE, 382

Baloh RW, 269

Barr RM, 81

Bartels PB, 412, 421

Bartleson JD, 492

Bashir RM, 50, 58

Bellavance A, 262

Bergman I, 389

Boller F, 329

Borrone C, 5

Boughner DR, 130

Bove KE, 550

Boxerbaum B, 524

Bradbury PG, 392

Brandt T, 195

Brann AW Jr, 118

Brechenmacher C, 496

Bresolin N, 5

Brooks EB, 135

Brown WF, 289

Bryant RC, 288

Bugiani O, 93

Bullen WW, 441

Burns J, 183, 436

Butler IJ, 11

Caine ED, 41

Cairncross JG, 385, 529

Cantell K, 392

Cantini M, 5

Carlow TJ, 371

Caveness WF, 204, 213, 222

Charron L, 262

Chiappa KH, 135

Ch'ien LT, 58

Chou C-HJ, 336

Chou FC-H, 336

Cirignotta F, 393

Clarkson TW, 348

Cloyd JC, 191

Cohen MH, 65

Cohen SR, 157, 167

Cook S, 108

Cooper JR, 304

Coulter DL, 92

Cowan C, 388

Cracco RQ, 238

Cramer JA, 583

Daroff RB, 195, 277

Davis CJF, 392

Davis RL, 113

Delaney P, 494

Denckla MB, 412, 421

Derman S, 471, 479

Desnick RJ, 297

Di Chiro G, 344

Dirgo JA, 515

Dorfman LJ, 450

Dowling P, 108

Downey R, 496

van der Drift JHA, 388

Duffy FH, 412, 421

Dupont B, 391

Dykes FD, 118

Dziedzic JD, 489

Ebers GC, 81, 130

Ebert MH, 41

Ecker A, 181

Eil C, 125

Eldridge R, 41

Ellis FT, 311

Engel WK, 324

Epstein CM, 592

Fariello RG, 393

Farmer P, 238

Feindel W, 395

Feldman MH, 238

Fenichel GM, 577

Ferguson GG, 289

Finch CE, 406

Fitch OH, 58

Fitzpatrick JE, 577

Foley KM, 311

Forno LS, 450

Fortunato J, 108

Frank JP, 11

Fritz RB, 336

Fuld PA, 486

Fulton TR, 557

Gabriel YH, 287

Gambetti P, 329

El Gammal TA, 382

Gang DL, 389

Gatti R, 93

Giménez-Roldán S, 78

Goldschmidt B, 108

Goochee C, 359

Good RA, 391

Goodman SI, 441

Gresty MA, 429

Griffith PA, 493

Gudmundsson G, 436

Guggenheim MA, 441

Gumnit RJ, 191

Haddad FS, 185

Halmayi GM, 429

Hanano M, 591

Harati Y, 11

Harper MG, 344

Harrison JL, 135

Harvey FH, 371

Hauhart RE, 515

Hawley RJ, 65

Head GL, 125

Hebel JR, 144

Hetnarski B, 489

Hilton PK, 550

Hoffman JC Jr, 340

Honrubia V, 269

Horwitz SJ, 524

Hosokawa S, 204, 213,

222

Hummel EE, 567

Huott AD, 344

Hurtig HI, 495

Iannaccone ST, 550

Iguchi T, 222

Iqbal K, 489

Isaacs H Jr, 113

Itoyama Y, 157, 167

Jabbari B, 344

Johnson RT, 394

Jones EM, 515

Jones HR Jr, 491

Karacan I, 471, 479

Karp HR, 493, 592

Kattah JG, 93

Kato M, 204, 213, 222

Katz RG, 84

Katzman R, 486, 570

Kaufman MD, 585

Kawamura N, 542

Kelly RH, 391

Kelts KA, 450

Khurana RK, 144

Kibler RF, 336

Kies MW, 157

Kiessling LS, 421

Kim J-H, 385, 529

Kim RC, 86

Kishimoto Y, 542

Klawans HL, 193

Koerper MA, 380

Koga M, 390

Koller WC, 193

Kornfeld M, 251

Kramer II, 495

Krance R, 58

Kurtzke JF, 493

Lajtha A, 489

Landing BH, 113

Laurentjoye L, 496

Lawrence JA, 58

Lazzara A, 118

Lee A, 24

Leech J, 429

Leigh RJ, 37

Lepore FE, 289

Lesar TS, 191

Leshner RT, 382

Levy L, 150

Lisak RP, 58, 183

Livingston S, 495

Loo YH, 557

Loriaux DL, 125

Lucke S, 5

Ludlow CL, 497

Luessenhop AJ, 93

Lugaresi E, 393

Lum GM, 441

Mair RG, 466

Majeed MA, 348

Malamut BL, 204, 213, 222

Marchand L, 262

Marmarou A, 508

Maroon JC, 24

Marsh DO, 348

Martin M, 78

Martin JT, 18

Martinez AJ, 24

Martins AN, 344

Mashaly R, 286

Masucci EF, 493

Mathieu-Millaire F, 37

Mattson RH, 583

McCabe ERB, 441

McComb JG, 113

McDonald TF, 382

McEntee WJ, 466

McLain LW Jr, 18

Melton LJ III, 492

Mendell JR, 245

Menonna J, 108

Meyer JS, 471, 479

Michelsen WJ, 496

Miller RG, 290, 567

Mizutani T, 329

Montanaro AJ, 587

Moossy J, 24

Mori R, 390

Moser AB, 542

Moser HW, 542

Mount F, 238

Mullin BR, 587

Murphy J, 542

Myers CJ, 348

Myllylä G, 392

Nee LE, 41

Nell JH, 457

Nelson E, 144

Nelson TE, 11

January issue, pp 1-94; February issue, pp 95-194; March issue, pp 195-290; April issue, pp 291-394; May issue, pp 395-496; June issue, pp 497-595.

INDEXES TO VOLUME 7

Author Index

Adornato BT, 125, 324

Ahmann PA, 118

Allen JH, 18

Allen RJ, 92

Amin-Zaki L, 348

André-Kildare MW, 389

Angel RW, 73

Angelini C, 5

Antel JP, 436

Antunes JL, 496

Apacito M, 496

Appenzeller O, 251

Armburstmacher VW, 65

Arnason BGW, 436

Asbury AK, 354

Assis LJP, 81

Atkinson R, 251

Balagura S, 84

Ball MJ, 462

Ballenger CE, 382

Baloh RW, 269

Barr RM, 81

Bartels PB, 412, 421

Bartleson JD, 492

Bashir RM, 50, 58

Bellavance A, 262

Bergman I, 389

Boller F, 329

Borrone C, 5

Boughner DR, 130

Bove KE, 550

Boxerbaum B, 524

Bradbury PG, 392

Brandt T, 195

Brann AW Jr, 118

Brechenmacher C, 496

Bresolin N, 5

Brooks EB, 135

Brown WF, 289

Bryant RC, 288

Bugiani O, 93

Bullen WW, 441

Burns J, 183, 436

Butler IJ, 11

Caine ED, 41

Cairncross JG, 385, 529

Cantell K, 392

Cantini M, 5

Carlow TJ, 371

Caveness WF, 204, 213, 222

Charron L, 262

Chiappa KH, 135

Ch'ien LT, 58

Chou C-HJ, 336

Chou FC-H, 336

Cirignotta F, 393

Clarkson TW, 348

Cloyd JC, 191

Cohen MH, 65

Cohen SR, 157, 167

Cook S, 108

Cooper JR, 304

Coulter DL, 92

Cowan C, 388

Cracco RQ, 238

Cramer JA, 583

Daroff RB, 195, 277

Davis CJF, 392

Davis RL, 113

Delaney P, 494

Denckla MB, 412, 421

Derman S, 471, 479

Desnick RJ, 297

Di Chiro G, 344

Dirgo JA, 515

Dorfman LJ, 450

Dowling P, 108

Downey R, 496

van der Drift JHA, 388

Duffy FH, 412, 421

Dupont B, 391

Dykes FD, 118

Dziedzic JD, 489

Ebers GC, 81, 130

Ebert MH, 41

Ecker A, 181

Eil C, 125

Eldridge R, 41

Ellis FT, 311

Engel WK, 324

Epstein CM, 592

Fariello RG, 393

Farmer P, 238

Feindel W, 395

Feldman MH, 238

Fenichel GM, 577

Ferguson GG, 289

Finch CE, 406

Fitch OH, 58

Fitzpatrick JE, 577

Foley KM, 311

Forno LS, 450

Fortunato J, 108

Frank JP, 11

Fritz RB, 336

Fuld PA, 486

Fulton TR, 557

Gabriel YH, 287

Gambetti P, 329

El Gammal TA, 382

Gang DL, 389

Gatti R, 93

Giménez-Roldán S, 78

Goldschmidt B, 108

Goochee C, 359

Good RA, 391

Goodman SI, 441

Gresty MA, 429

Griffith PA, 493

Gudmundsson G, 436

Guggenheim MA, 441

Gumnit RJ, 191

Haddad FS, 185

Halmayi GM, 429

Hanano M, 591

Harati Y, 11

Harper MG, 344

Harrison JL, 135

Harvey FH, 371

Hauhart RE, 515

Hawley RJ, 65

Head GL, 125

Hebel JR, 144

Hetnarski B, 489

Hilton PK, 550

Hoffman JC Jr, 340

Honrubia V, 269

Horwitz SJ, 524

Hosokawa S, 204, 213,

222

Hummel EE, 567

Huott AD, 344

Hurtig HI, 495

Iannaccone ST, 550

Iguchi T, 222

Iqbal K, 489

Isaacs H Jr, 113

Itoyama Y, 157, 167

Jabbari B, 344

Johnson RT, 394

Jones EM, 515

Jones HR Jr, 491

Karacan I, 471, 479

Karp HR, 493, 592

Kattah JG, 93

Kato M, 204, 213, 222

Katz RG, 84

Katzman R, 486, 570

Kaufman MD, 585

Kawamura N, 542

Kelly RH, 391

Kelts KA, 450

Khurana RK, 144

Kibler RF, 336

Kies MW, 157

Kiessling LS, 421

Kim J-H, 385, 529

Kim RC, 86

Kishimoto Y, 542

Klawans HL, 193

Koerper MA, 380

Koga M, 390

Koller WC, 193

Kornfeld M, 251

Kramer II, 495

Krance R, 58

Kurtzke JF, 493

Lajtha A, 489

Landing BH, 113

Laurentjoye L, 496

Lawrence JA, 58

Lazzara A, 118

Lee A, 24

Leech J, 429

Leigh RJ, 37

Lepore FE, 289

Lesar TS, 191

Leshner RT, 382

Levy L, 150

Lisak RP, 58, 183

Livingston S, 495

Loo YH, 557

Loriaux DL, 125

Lucke S, 5

Ludlow CL, 497

Luessenhop AJ, 93

Lugaresi E, 393

Lum GM, 441

Mair RG, 466

Majeed MA, 348

Malamut BL, 204, 213, 222

Marchand L, 262

Marmarou A, 508

Maroon JC, 24

Marsh DO, 348

Martin M, 78

Martin JT, 18

Martinez AJ, 24

Martins AN, 344

Mashaly R, 286

Masucci EF, 493

Mathieu-Millaire F, 37

Mattson RH, 583

McCabe ERB, 441

McComb JG, 113

McDonald TF, 382

McEntee WJ, 466

McLain LW Jr, 18

Melton LJ III, 492

Mendell JR, 245

Menonna J, 108

Meyer JS, 471, 479

Michelsen WJ, 496

Miller RG, 290, 567

Mizutani T, 329

Montanaro AJ, 587

Moossy J, 24

Mori R, 390

Moser AB, 542

Moser HW, 542

Mount F, 238

Mullin BR, 587

Murphy J, 542

Myers CJ, 348

Myllylä G, 392

Nee LE, 41

Nell JH, 457

Nelson E, 144

Nelson TE, 11

January issue, pp 1-94; February issue, pp 95-194; March issue, pp 195-290; April issue, pp 291-394; May issue, pp 395-496; June issue, pp 497-595.

- Nicklas WJ, 297
 Nishimura RN, 587
 Noronha ABC, 436
 Nuttall K, 462
 O'Bell J, 524
 O'Brien JS, 450
 O'Brien MS, 340
 Oger J, 436
 Oh SJ, 178
 Ohshima F, 591
 Olson BJ, 577
 O'Neill RR, 204, 213, 222
 Osorio I, 277
 O'Sullivan P, 58
 Palo J, 392
 Pauli LL, 495
 Peck A, 486
 Peterson HdeC, 593
 Peyronnard J-M, 262
 Philippart M, 5
 Plaitakis A, 297, 304
 Plum F, 1
 Poisson M, 286
 Polinsky RJ, 41
 Posner JB, 311, 385, 529
 Pruce I, 495
 Quarles RH, 167
 Rasband W, 359
 Reid JD, 587
 Reik L Jr, 291
 Rice GPA, 81, 130
 Richardson EP Jr, 157, 167,
 389
 Ringel SP, 441
 Risk WS, 185
 Rissanen A, 392
 Robertson WC, 393
 Roessmann U, 329
 Roig M, 441
 Rollinson RD, 281
 Roos RP, 436
 Rosen WG, 486
 Sadeh M, 286
 Saini N, 65
 Sakai F, 471, 479
 Salmon J, 385
 Samaha F, 550
 Sanborn GE, 289
 Sandbank U, 286
 Sandini G, 412, 421
 Sato Y, 390
 Schaumburg HH, 354,
 542
 Schleizinger NS, 591
 Schut L, 183
 Schwartz JF, 118, 340
 Schwartzkroin PA, 95
 Scott CI, 11
 Seyer JM, 58
 Shapiro K, 508
 Sharpless NS, 570
 Shek JW, 557
 Sheth KJ, 319
 Shulman K, 508
 Shuping JR, 281
 Silberberg D, 183
 Simon RP, 380
 Sivak ED, 188
 Slevin JT, 289
 Sogg RL, 450
 Sokoloff L, 359
 Stappenbeck R, 592
 Stefansson K, 436
 Steinman L, 450
 Sterman AB, 354
 Sternberger NH, 157,
 167
 Stiller C, 130
 Streib EW, 188
 Suzuki K, 542
 Swick HM, 319
 Swift TR, 382
 Tateishi J, 390
 Terry RD, 486
 Thal LJ, 570
 Tharp BR, 450
 Thurston JH, 515
 Tikriti S, 348
 Toole JF, 281
 Toro R, 144
 Tower DB, 395
 Trauner DA, 2
 Tsubaki T, 591
 Van Effenterre R, 286
 Van Steirteghem AC, 324
 Vertosick FT Jr, 391
 Vincent FM, 494
 Vital C, 496
 Wakisaka S, 204, 213,
 222
 Warmolts JR, 245
 Watabiki S, 144
 Webster H deF, 157, 167
 Welch KMA, 457
 Wen GY, 557
 Whetsell WO Jr, 304
 Whitaker JN, 50, 58
 Wicke JD, 150
 Willoughby EW, 391
 Wisniewski HM, 377, 489,
 557
 Wisniewski K, 377
 Wolfson L, 570
 Woodruff JM, 311
 Wyler AR, 95
 Yahr MD, 304
 Yamamoto M, 471, 479
 Yates SK, 289
 Yee RD, 269
 Young RR, 135
 Young RSK, 389
 Youngblood LA, 344
 Yuasa T, 591
 Zee DS, 37
 Zimmerman JE, 494
 Zweig MH, 324

Subject Index

- Abscess**
brainstem abscess and syndrome of acute tegmental encephalitis (Harvey and Carlow), 371
- Acetylcholinesterase**
central cholinergic activity in aluminum-induced neurofibrillary degeneration (Hernarski et al), 489
- Acute tegmental encephalitis**
brainstem abscess and syndrome of acute tegmental encephalitis (Harvey and Carlow), 371
- Adenoma**
pituitary adenomas (Martinez et al), 24
- Adrenergic function**
effect of alpha-adrenergic innervation on caudate blood flow (Levy and Wicke), 150
memory enhancement in Korsakoff's psychosis by clonidine, further evidence for a noradrenergic deficit (McEntee and Mair), 466
- Adrenoleukodystrophy**, elevated C26 fatty acid in cultured skin fibroblasts (Moser et al), 542
- Aging**
relationships of aging changes in basal ganglia to manifestations of Huntington's chorea (Finch), EDITORIAL, 406
- Aluminum**
central cholinergic activity in aluminum-induced neurofibrillary degeneration (Hernarski et al), 489
- Alzheimer disease**
neurofibrillary tangles, granulovacuolar degeneration, and neuron loss in Down syndrome, quantitative comparison with Alzheimer dementia (Ball and Nuttall), 462
Parkinson disease, dementia, and Alzheimer disease, clinicopathological correlations (Boller et al), 329
pathological verification of ischemic score in differentiation of dementias (Rosen et al), 486
- Amnesia**
transient global amnesia (Shuping et al), 281
- d-Amphetamine**
memory enhancement in Korsakoff's psychosis by clonidine, further evidence for a noradrenergic deficit (McEntee and Mair), 466
- Amylase**
acute parotitis and hyperamylasemia following whole-brain radiation therapy (Cairncross et al), 385
- Amyloidosis**
autosomal dominant cerebrovascular amyloidosis, properties of peripheral blood lymphocytes (Stefansson et al), 436
- Amyotrophic lateral sclerosis**
interferon therapy for ALS (Rissanen et al), LETTER, 392
management of hypoventilation in motor neuron disease presenting with respiratory insufficiency (Sivak and Streib), 188
- Analgesia**
prolonged relief of tic douloureux from partial root destruction is associated with localized analgesia (Ecker), 181
- Anesthesia**
central core disease and malignant hyperthermia syndrome (Frank et al), 11
- Angiokeratoma corporis diffusum**
peripheral nerve conduction in Fabry disease (Sheth and Swick), 319
- Anticholinergics**, for Parkinson disease (Hurtig), LETTER, 495
- Anticonvulsants**
cerebellar degeneration due to chronic phenytoin therapy (McLain et al), 18
fatal Reye-like syndrome associated with valproic acid (Young et al), LETTER, 389
interactional studies with sodium valproate and naloxone (Cowan), LETTER, 388
lorazepam in therapy for status epilepticus (Griffith and Karp), LETTER, 493
pancreatitis associated with valproic acid therapy for epilepsy (Coulter and Allen), 92
reduced seizure control due to spoiled phenytoin capsules (Cloyd et al), 191
treatment of myoclonus with L-5-hydroxytryptophan and carbidopa (Thal et al), 570
valproic acid and ethosuximide interaction (Mattson and Cramer), 583
- Aphasia**
children's language disorders, recent research advances (Ludlow), CURRENT REVIEW, 497
- Apnea**
heart rate changes in convulsive and nonconvulsive neonatal apnea (Fenichel et al), 577
sleep apnea, narcolepsy, and dreaming, regional cerebral hemodynamics (Meyer et al), 479
- Arachnoid cyst**
hereditary spinal arachnoid cysts, distichiasis, and lymphedema (Schwartz et al), 340
- Arteriovenous malformation**
resolution of classic migraine after removal of occipital lobe AVM (Kattah and Luessenhop), LETTER, 93
- Ataxia**
acute ataxia associated with ciguatera-type (groupier) tropical fish poisoning (Jones), NOTE, 491
barognosis in a patient with hemiataxia (Angel), 73
L-dopa in children with progressive neurological disorders (Bugiani and Gatti), LETTER, 93
glutamate dehydrogenase deficiency in three patients with spinocerebellar syndrome (Plaitakis et al), 297
- Atrophy**
carcinomatous neuromyopathy of oat cell lung cancer (Hawley et al), 65
glutamate dehydrogenase deficiency in three patients with spinocerebellar syndrome (Plaitakis et al), 297
masticatory spasm in facial hemiatrophy (Kaufman), 585
- Automated classification**
dyslexia, automated diagnosis by computerized classification of brain electrical activity (Duffy et al), 421
- Autoradiography**
computerized densitometry and color coding of [¹⁴C]deoxyglucose autoradiographs (Goochee et al), 359
- Bacterial infections. See Infectious diseases**
- Barognosis**, in a patient with hemiataxia (Angel), 73
- Basal ganglia**
relationships of aging changes in basal ganglia to manifestations of Huntington's chorea (Finch), EDITORIAL, 406

January issue, pp 1-94; February issue, pp 95-194; March issue, pp 195-290; April issue, pp 291-394; May issue, pp 395-496; June issue, pp 497-595.

- BEAM.** *See* Brain electrical activity mapping
- Biopsy**
- diagnosis of infantile neuroaxonal dystrophy by skin biopsy (Wisniewski and Wisniewski), 377
- Books**
- books received and brief reviews, 94, 593
 - Clinical Aspects of Neuroimmunology*, by Neuweit and Clark (Johnson), 394
 - Clinical Neuroimmunology*, by Behan and Currie (Johnson), 394
 - Developmental Disabilities*, by Thompson and O'Quinn (Peterson), 593
- Brain**
- cerebral herniation in bacterial meningitis in childhood (Horwitz et al), 524
 - radiation therapy for brain metastases (Cairncross et al), 529
 - resolution of classic migraine after removal of occipital lobe AVM (Kattah and Luessenhop), LETTER, 93
- Brain electrical activity mapping**
- dyslexia, automated diagnosis by computerized classification of brain electrical activity (Duffy et al), 421
 - dyslexia, regional differences in brain electrical activity by topographic mapping (Duffy et al), 412
- Brainstem**
- brainstem abscess and syndrome of acute tegmental encephalitis (Harvey and Carlow), 371
 - brainstem auditory evoked responses in palatal myoclonus (Epstein et al), LETTER, 592
 - brainstem auditory evoked responses in 200 patients with multiple sclerosis (Chiappa et al), 135
 - cold face test in assessment of trigeminal-brainstem-vagal function in humans (Khurana et al), 144
 - recovery following brainstem hemorrhage (Burns et al), 183
- Brain tumors**
- hemorrhage within brain tumors during jogging (Downey et al), LETTER, 496
 - medulloblastoma presenting as neck tumors in 2 infants (McComb et al), 113
 - radiation therapy for brain metastases (Cairncross et al), 529
 - unilateral hemispheric ganglioglioma with infantile spasms (Gabriel), LETTER, 287
- Burst discharge**
- mechanisms underlying epileptiform burst discharge (Schwartzkroin and Wyler), HYPOTHESIS, 95
- Calcification**
- cerebellar calcification on computerized tomography (Koller and Klawans), 193
- Calcium**
- mechanisms underlying epileptiform burst discharge (Schwartzkroin and Wyler), HYPOTHESIS, 95
- Cancer. *See also* Brain tumors; Tumors**
- carcinomatous neuromyopathy of oat cell lung cancer (Hawley et al), 65
 - cerebellar involvement in multifocal eosinophilic granuloma, demonstration by computerized tomographic scanning (Adornato et al), 125
 - medulloblastoma presenting as neck tumors in 2 infants (McComb et al), 113
 - radiation-induced malignant and atypical peripheral nerve sheath tumors (Foley et al), 311
 - radiation therapy for brain metastases (Cairncross et al), 529
- Carbidopa**
- treatment of myoclonus with L-5-hydroxytryptophan and carbidopa (Thal et al), 570
- Carcinoma. *See* Cancer**
- Caudate nucleus**
- effect of alpha-adrenergic innervation on caudate blood flow (Levy and Wicke), 150
- Central core disease, and malignant hyperthermia syndrome (Frank et al), 11**
- Central nervous system**
- neuroaxonal dystrophy and hemosiderin in central nervous system (Sadeh and Sandbank), NOTE, 286
 - neuropathology of phenylacetate poisoning in rats, experimental model of phenylketonuria (Wen et al), 557
- Cerebellar function**
- barognosis in a patient with hemiataxia (Angel), 73
 - cerebellar control of ocular gaze stability (Zee et al), 37
- Cerebellum**
- absence of REM and altered NREM sleep in patients with spinocerebellar degeneration and slow saccades (Osorio and Daroff), 277
 - cerebellar calcification on computerized tomography (Koller and Klawans), 193
 - cerebellar degeneration due to chronic phenytoin therapy (McLain et al), 18
 - cerebellar involvement in multifocal eosinophilic granuloma, demonstration by computerized tomographic scanning (Adornato et al), 125
- Cerebral blood flow**
- effect of alpha-adrenergic innervation on caudate blood flow (Levy and Wicke), 150
 - normal human sleep, regional cerebral hemodynamics (Sakai et al), 471
 - sleep apnea, narcolepsy, and dreaming, regional cerebral hemodynamics (Meyer et al), 479
- Cerebral blood vessels**
- cerebral microvessel 2-deoxy-D-glucose uptake during ischemia-induced seizures (Nell and Welch), 457
- Cerebral hemorrhage. *See* Stroke**
- Cerebral ischemia**
- transient global amnesia (Shuping et al), 281
- Cerebral metabolism**
- effects of manipulation of sensorimotor system on focal motor seizures in the monkey (Hosokawa et al), 222
 - local cerebral glucose utilization in newborn and pubescent monkeys during focal motor seizures (Kato et al), 204
 - mechanisms of increased brain glucose and glycogen after hydrocortisone (Thurston et al), 515
 - neuroaxonal dystrophy and hemosiderin in central nervous system (Sadeh and Sandbank), NOTE, 286
 - propagation of focal motor seizures in pubescent monkey (Caveness et al), 213
 - tables of local cerebral glucose utilization in various experimental preparations, APPENDIX, 230
- Cerebrospinal fluid**
- characterization of clinical CSF dynamics and neural axis compliance using pressure-volume index—the normal index (Shapiro et al), 508
 - immunoreactive myelin basic protein in cerebrospinal fluid in neurological disorders (Whitaker et al), 58
 - molecular features of immunoreactive myelin basic protein in cerebrospinal fluid of persons with multiple sclerosis (Bashir and Whitaker), 50
 - PMNs in normal spinal fluid examined by cytocentrifuge technique (Simon and Koerper), 380

- Cerebrovascular disease
 cerebral microvessel 2-deoxy-D-glucose uptake during ischemia-induced seizures (Nell and Welch), 457
 familial stroke syndrome associated with mitral valve prolapse (Rice et al), 130
 hemorrhage within brain tumors during jogging (Dowdney et al), LETTER, 496
 immunoreactive myelin basic protein in cerebrospinal fluid in neurological disorders (Whitaker et al), 58
 intraventricular hemorrhage in high-risk preterm infant (Ahmann et al), 118
 pathological verification of ischemic score in differentiation of dementias (Rosen et al), 486
 recovery following brainstem hemorrhage (Burns et al), 183
 transient global amnesia (Shuping et al), 281
 undecussated innervation to sternocleidomastoid muscle (Balagura and Katz), 84
- Chemotherapy
 conus tuberculoma responding to chemotherapy (Bradbury and Davis), LETTER, 392
- Cherry-red spots
 peripheral neuropathy in cherry-red spot-myoclonus syndrome (sialidosis type I) (Steinman et al), 450
- China
 impressions of neurology and neurosurgery in the People's Republic of China (Tower and Feindel), EDITORIAL REVIEW, 395
- Choline acetyltransferase
 central cholinergic activity in aluminum-induced neurofibrillary degeneration (Hettner et al), 489
- Chorea
 relationships of aging changes in basal ganglia to manifestations of Huntington's chorea (Finch), EDITORIAL, 406
- Choroid plexus
 rheumatoid disease with encephalopathy (Kim), 86
- Ciguatera
 acute ataxia associated with ciguatera-type (grouper) tropical fish poisoning (Jones), NOTE, 491
- Clonazepam
 startle epilepsy complicating Down syndrome during adulthood (Giménez-Roldán and Martín), 78
- Clonidine
 memory enhancement in Korsakoff's psychosis by clonidine, further evidence for a noradrenergic deficit (McEntee and Mair), 466
- Cold face test, in assessment of trigeminal-brainstem-vagal function in humans (Khurana et al), 144
- Compliance
 characterization of clinical CSF dynamics and neural axis compliance using pressure-volume index—the normal index (Shapiro et al), 508
- Compression neuropathy
 cubital tunnel syndrome, treatment with simple decompression (Miller and Hummel), 567
 cubital tunnel syndrome and ulnar neuropathy (Brown et al), LETTER, 289; reply (Miller), LETTER, 290
- Computer averaging
 spinal evoked potential in the monkey (Feldman et al), 238
- Computerized image processing
 computerized densitometry and color coding of [¹⁴C]deoxyglucose autoradiographs (Gooch et al), 359
- Computerized tomography
 cerebellar calcification on computerized tomography (Koller and Klawans), 193
- cerebellar involvement in multifocal eosinophilic granuloma, demonstration by computerized tomographic scanning (Adornato et al), 125
- intraventricular hemorrhage in high-risk preterm infant (Ahmann et al), 118
- recovery following brainstem hemorrhage (Burns et al), 183
- surgically correctable lesions solely detected by CT scan in adult-onset chronic epilepsy (Jabbari et al), 344
- Computer mapping
 dyslexia, automated diagnosis by computerized classification of brain electrical activity (Duffy et al), 421
- dyslexia, regional differences in brain electrical activity by topographic mapping (Duffy et al), 412
- Convulsions. See Epilepsy
- Corollary discharge
 barognosis in a patient with hemiataxia (Angel), 73
- Cortical neurons
 mechanisms underlying epileptiform burst discharge (Schwartzkroin and Wyler), HYPOTHESIS, 95
- Cowden disease
 association of myasthenia gravis with multiple hamartoma syndrome (Cowden disease) (Yuasa), LETTER, 591
- Cranial nerves
 undecussated innervation to sternocleidomastoid muscle (Balagura and Katz), 84
- Creatine kinase
 serum creatine kinase BB and MM concentrations determined by radioimmunoassay in neuromuscular disorders (Zweig et al), 324
- Creutzfeldt-Jakob disease
 properties of transmissible agent derived from chronic spongiform encephalopathy (Tateishi et al), LETTER, 390
- CT scanning. See Computerized tomography
- C26 fatty acids
 adrenoleukodystrophy, elevated C26 fatty acid in cultured skin fibroblasts (Moser et al), 542
- Cubital tunnel syndrome
 cubital tunnel syndrome, treatment with simple decompression (Miller and Hummel), 567
 cubital tunnel syndrome and ulnar neuropathy (Brown et al), LETTER, 289; reply (Miller), LETTER, 290
- Cyclandelate, in diabetic radiculoneuropathy (van der Drift), LETTER, 388
- Cylindrical spirals, in familial neuromuscular disorder (Bove et al), 550
- Cytocentrifugation
 PMNs in normal spinal fluid examined by cytocentrifuge technique (Simon and Koerner), 380
- Decussation
 undecussated innervation to sternocleidomastoid muscle (Balagura and Katz), 84
- Deficiency diseases
 glutamate dehydrogenase deficiency in three patients with spinocerebellar syndrome (Plaitakis et al), 297
- glycerol kinase deficiency with neuromuscular, skeletal, and adrenal abnormalities (Guggenheim et al), 441
- peripheral neuropathy in cherry-red spot-myoclonus syndrome (sialidosis type I) (Steinman et al), 450
- Degeneration
 absence of REM and altered NREM sleep in patients with spinocerebellar degeneration and slow saccades (Osorio and Daroff), 277

- central cholinergic activity in aluminum-induced neurofibrillary degeneration (Hernarski et al), 489
- cerebellar degeneration due to chronic phenytoin therapy (McLain et al), 18
- Degenerative diseases**
- chronic Leigh disease, genetic and biochemical study (Plaitakis et al), 304
 - glutamate dehydrogenase deficiency in three patients with spinocerebellar syndrome (Plaitakis et al), 297
- Dementia**
- central cholinergic activity in aluminum-induced neurofibrillary degeneration (Hernarski et al), 489
 - Parkinson disease, dementia, and Alzheimer disease, clinicopathological correlations (Boller et al), 329
 - pathological verification of ischemic score in differentiation of dementias (Rosen et al), 486
- Demyelination**
- cubital tunnel syndrome, treatment with simple decompression (Miller and Hummel), 567
 - cubital tunnel syndrome and ulnar neuropathy (Brown et al), LETTER, 289; reply (Miller), LETTER, 290
 - disseminated vasculomyelinopathy, an immune complex disease (Reik), HYPOTHESIS, 291
 - immunocytochemical method to identify myelin basic protein in oligodendroglia and myelin sheaths of human nervous system (Itoyama et al), 157
 - immunocytochemical observations on distribution of myelin-associated glycoprotein and myelin basic protein in multiple sclerosis lesions (Itoyama et al), 167
 - immunoreactive myelin basic protein in cerebrospinal fluid in neurological disorders (Whitaker et al), 58
 - interaction of multiple sclerosis serum with liposomes containing ganglioside GM₁ (Mullin et al), 587
 - molecular features of immunoreactive myelin basic protein in cerebrospinal fluid of persons with multiple sclerosis (Bashir and Whitaker), 50
 - neuropathy and mitochondrial myopathy (Peyronnard et al), 262
 - pure axonal neuropathy, nerve xenografts and clinicopathological study of a family with peripheral neuropathy, hereditary ataxia, focal necrotizing encephalopathy, and spongy degeneration of brain (Appenzeller et al), 251
- Dentate nucleus**
- cerebellar calcification on computerized tomography (Koller and Klawans), 193
- 2-Deoxyglucose**
- cerebral microvessel 2-deoxy-D-glucose uptake during ischemia-induced seizures (Nell and Welch), 457
 - computerized densitometry and color coding of [¹⁴C]deoxyglucose autoradiographs (Goochee et al), 359
- Desensitization**
- prevention of experimental allergic encephalomyelitis in Lewis rats with peptide 68-88 of guinea pig myelin basic protein (Chou et al), 336
- Developing mice**
- mechanisms of increased brain glucose and glycogen after hydrocortisone (Thurston et al), 515
- Diabetes**
- cyclandelate in diabetic radiculoneuropathy (van der Drift), LETTER, 388
 - diabetic superior branch palsy of oculomotor nerve (Masucci and Kurtzke), LETTER, 493
 - Diabetic radiculoneuropathy
 - cyclandelate in diabetic radiculoneuropathy (van der Drift), LETTER, 388
- Disease transmission**
- properties of transmissible agent derived from chronic spongiform encephalopathy (Tateishi et al), LETTER, 390
- Distichiasis**
- hereditary spinal arachnoid cysts, distichiasis, and lymphedema (Schwartz et al), 340
- Diving response**
- cold face test in assessment of trigeminal-brainstem-vagal function in humans (Khurana et al), 144
- Dizziness**
- multisensory physiological and pathological vertigo syndromes (Brandt and Daroff), CLINICAL REVIEW, 195
- Down syndrome**
- neurofibrillary tangles, granulovacuolar degeneration, and neuron loss in Down syndrome, quantitative comparison with Alzheimer dementia (Ball and Nutall), 462
 - startle epilepsy complicating Down syndrome during adulthood (Giménez-Roldán and Martín), 78
- Dreaming**
- sleep apnea, narcolepsy, and dreaming, regional cerebral hemodynamics (Meyer et al), 479
- Drowning, in epilepsy** (Livingston et al), LETTER, 495
- Drug interaction**
- valproic acid and ethosuximide interaction (Mattson and Cramer), 583
- Duchenne dystrophy**
- serum creatine kinase BB and MM concentrations determined by radioimmunoassay in neuromuscular disorders (Zweig et al), 324
- Dyslexia**
- dyslexia, automated diagnosis by computerized classification of brain electrical activity (Duffy et al), 421
 - dyslexia, regional differences in brain electrical activity by topographic mapping (Duffy et al), 412
- Dystrophy**
- neuroaxonal dystrophy and hemosiderin in central nervous system (Sadeh and Sandbank), NOTE, 286
 - serum creatine kinase BB and MM concentrations determined by radioimmunoassay in neuromuscular disorders (Zweig et al), 324
- Eating epilepsy**
- eating epilepsy (Cirignotta and Lugaresi), LETTER, 393; reply (Robertson and Fariello), LETTER, 393
- Editorial**
- relationships of aging changes in basal ganglia to manifestations of Huntington's chorea (Finch), 406
- Editor's messages**, 1, 411
- Electrical activity**
- dyslexia, automated diagnosis by computerized classification of brain electrical activity (Duffy et al), 421
 - dyslexia, regional differences in brain electrical activity by topographic mapping (Duffy et al), 412
 - mechanisms underlying epileptiform burst discharge (Schwartzkroin and Wyler), HYPOTHESIS, 95
 - neuromotor, impulse-induced repetitive discharges in motor nerves in peripheral neuropathy (Warmolts and Mendell), 245
- Electroencephalography**
- dyslexia, regional differences in brain electrical activity by topographic mapping (Duffy et al), 412
- Electromyography**
- masticatory spasm in facial hemiatrophy (Kaufman), 585
- Encephalitis**
- brainstem abscess and syndrome of acute tegmental encephalitis (Harvey and Carlow), 371

- Encephalomyelitis**
 disseminated vasculomyelinopathy, an immune complex disease (Reik), HYPOTHESIS, 291
- Encephalomyelopathy**
 metrizamide encephalopathy (Vincent and Zimmerman), LETTER, 494
- Encephalopathy**
 rheumatoid disease with encephalopathy (Kim), 86
 treatment of Reye syndrome (Trauner), EDITORIAL REVIEW, 2
- Eosinophilic granuloma**
 cerebellar involvement in multifocal eosinophilic granuloma, demonstration by computerized tomographic scanning (Adornato et al), 125
- Epilepsy**
 cerebellar degeneration due to chronic phenytoin therapy (McLain et al), 18
 cerebral microvessel 2-deoxy-D-glucose uptake during ischemia-induced seizures (Nell and Welch), 457
 drowning in epilepsy (Livingston et al), LETTER, 495
 eating epilepsy (Cirignotta and Lugaresi), LETTER, 393; reply (Robertson and Fariello), LETTER, 393
 effects of manipulation of sensorimotor system on focal motor seizures in the monkey (Hosokawa et al), 222
 heart rate changes in convulsive and nonconvulsive neonatal apnea (Fenichel et al), 577
 interactional studies with sodium valproate and naloxone (Cowan), LETTER, 388
 local cerebral glucose utilization in newborn and pubescent monkeys during focal motor seizures (Kato et al), 204
 lorazepam in therapy for status epilepticus (Griffith and Karp), LETTER, 493
 mechanisms underlying epileptiform burst discharge (Schwartzkroin and Wyler), HYPOTHESIS, 95
 pancreatitis associated with valproic acid therapy for epilepsy (Coulter and Allen), NOTE, 92
 propagation of focal motor seizures in pubescent monkey (Caveness et al), 213
 reduced seizure control due to spoiled phenytoin capsules (Cloyd et al), 191
 seizures in sarcoidosis, poor prognosis (Delaney), LETTER, 494
 startle epilepsy complicating Down syndrome during adulthood (Giménez-Roldán and Martín), 78
 surgically correctable lesions solely detected by CT scan in adult-onset chronic epilepsy (Jabbari et al), 344
 unilateral hemispheric ganglioglioma with infantile spasms (Gabriel), LETTER, 287
 valproic acid and ethosuximide interaction (Mattson and Cramer), 583
- Erratum**, 261
- Ethosuximide**
 valproic acid and ethosuximide interaction (Mattson and Cramer), 583
- Evoked responses**
 brainstem auditory evoked responses in palatal myoclonus (Epstein et al), LETTER, 592
 brainstem auditory evoked responses in 200 patients with multiple sclerosis (Chiappa et al), 135
 dyslexia, regional differences in brain electrical activity by topographic mapping (Duffy et al), 412
 spinal evoked potential in the monkey (Feldman et al), 238
- Experimental allergic encephalomyelitis**
 prevention of experimental allergic encephalomyelitis in Lewis rats with peptide 68-88 of guinea pig myelin basic protein (Chou et al), 336
- Fabry disease**
 peripheral nerve conduction in Fabry disease (Sheth and Swick), 319
- Facial hemiatrophy**
 masticatory spasm in facial hemiatrophy (Kaufman), 585
- Familial stroke syndrome, associated with mitral valve prolapse** (Rice et al), 130
- Fetus**
 fetal methylmercury poisoning, clinical and toxicological data on 29 cases (Marsh et al), 348
- Fibroblasts**
 adrenoleukodystrophy, elevated C26 fatty acid in cultured skin fibroblasts (Moser et al), 542
- Fish poisoning**
 acute ataxia associated with ciguatera-type (grouper) tropical fish poisoning (Jones), NOTE, 491
- Focal motor seizures**
 effects of manipulation of sensorimotor system on focal motor seizures in the monkey (Hosokawa et al), 222
 local cerebral glucose utilization in newborn and pubescent monkeys during focal motor seizures (Kato et al), 204
 propagation of focal motor seizures in pubescent monkey (Caveness et al), 213
- Ganglioglioma**
 unilateral hemispheric ganglioglioma with infantile spasms (Gabriel), LETTER, 287
- Gangliosides**
 interaction of multiple sclerosis serum with liposomes containing ganglioside GM₁ (Mullin et al), 587
- Gerbilis**
 cerebral microvessel 2-deoxy-D-glucose uptake during ischemia-induced seizures (Nell and Welch), 457
- Gilles de la Tourette syndrome**. See Tourette syndrome
- Glucose metabolism**
 mechanisms of increased brain glucose and glycogen after hydrocortisone (Thurston et al), 515
- Glucose release**
 interaction of multiple sclerosis serum with liposomes containing ganglioside GM₁ (Mullin et al), 587
- Glucose uptake**
 cerebral microvessel 2-deoxy-D-glucose uptake during ischemia-induced seizures (Nell and Welch), 457
- Glucose utilization**
 computerized densitometry and color coding of [¹⁴C]deoxyglucose autoradiographs (Gooch et al), 359
 effects of manipulation of sensorimotor system on focal motor seizures in the monkey (Hosokawa et al), 222
 local cerebral glucose utilization in newborn and pubescent monkeys during focal motor seizures (Kato et al), 204
 propagation of focal motor seizures in pubescent monkey (Caveness et al), 213
 tables of local cerebral glucose utilization in various experimental preparations, APPENDIX, 230
- Glutamate dehydrogenase, deficiency in three patients with spinocerebellar syndrome** (Plaitakis et al), 297
- Glycerol kinase, deficiency with neuromuscular, skeletal, and adrenal abnormalities** (Guggenheim et al), 441
- Grafts**
 pure axonal neuropathy, nerve xenografts and clinicopathological study of a family with peripheral neuropathy, hereditary ataxia, focal necrotizing encephalopathy, and spongy degeneration of brain (Appenzeller et al), 251

- Granuloma**
cerebellar involvement in multifocal eosinophilic granuloma, demonstration by computerized tomographic scanning (Adornato et al), 125
- Guillain-Barré syndrome**
improvement of Guillain-Barré syndrome by hemodialysis (Vital et al), LETTER, 496
mycoplasma antibody in Guillain-Barré syndrome and other neurological disorders (Goldschmidt et al), 108
- Haloperidol**
Gilles de la Tourette syndrome, clinical and family study of 50 cases (Nee et al), 41
- Hamartoma**
association of myasthenia gravis with multiple hamartoma syndrome (Cowden disease) (Yuasa), LETTER, 591
- Hand-Schüller-Christian disease**
cerebellar involvement in multifocal eosinophilic granuloma, demonstration by computerized tomographic scanning (Adornato et al), 125
- Headache**
resolution of classic migraine after removal of occipital lobe AVM (Kattah and Luessenhop), LETTER, 93
- Head injury**
motorcyclists and head injuries (André-Kildare), LETTER, 389
- Health care system**
impressions of neurology and neurosurgery in the People's Republic of China (Tower and Feindel), EDITORIAL REVIEW, 395
- Heart**
familial stroke syndrome associated with mitral valve prolapse (Rice et al), 130
heart rate changes in convulsive and nonconvulsive neonatal apnea (Fenichel et al), 577
- Hematopoiesis**
extramedullary hematopoiesis and spinal cord compression complicating polycythemia rubra vera (Rice et al), 81
- Hemiatrophy**
masticatory spasm in facial hemiatrophy (Kaufman), 585
- Hemorrhage, brain**
hemorrhage within brain tumors during jogging (Downey et al), LETTER, 496
- Hemorrhage, brainstem**
recovery following brainstem hemorrhage (Burns et al), 183
- Hemosiderin**
neuroaxonal dystrophy and hemosiderin in central nervous system (Sadeh and Sandbank), NOTE, 286
- Hepatic injury**
fatal Reye-like syndrome associated with valproic acid (Young et al), LETTER, 389
- Hereditary diseases**
autosomal dominant cerebrovascular amyloidosis, properties of peripheral blood lymphocytes (Stefansson et al), 436
central core disease and malignant hyperthermia syndrome (Frank et al), 11
chronic Leigh disease, genetic and biochemical study (Plaitakis et al), 304
cylindrical spirals in a familial neuromuscular disorder (Bove et al), 550
familial stroke syndrome associated with mitral valve prolapse (Rice et al), 130
Gilles de la Tourette syndrome, clinical and family study of 50 cases (Nee et al), 41
- glutamate dehydrogenase deficiency in three patients with spinocerebellar syndrome (Plaitakis et al), 297
glycerol kinase deficiency with neuromuscular, skeletal, and adrenal abnormalities (Guggenheim et al), 441
hereditary spinal arachnoid cysts, distichiasis, and lymphedema (Schwartz et al), 340
- multisystem triglyceride storage disorder with impaired long-chain fatty acid oxidation (Angelini et al), 5
peripheral nerve conduction in Fabry disease (Sheth and Swick), 319
- pure axonal neuropathy, nerve xenografts and clinicopathological study of a family with peripheral neuropathy, hereditary ataxia, focal necrotizing encephalopathy, and spongy degeneration of brain (Appenzeller et al), 251
- relationships of aging changes in basal ganglia to manifestations of Huntington's chorea (Finch), EDITORIAL, 406
- startle epilepsy complicating Down syndrome during adulthood (Giménez-Roldán and Martín), 78
- Herniation**
cerebral herniation in bacterial meningitis in childhood (Horwitz et al), 524
- Hunter syndrome**
myelopathy in mucopolysaccharidosis type II (Hunter syndrome) (Ballenger et al), 382
- Huntington's chorea**
relationships of aging changes in basal ganglia to manifestations of Huntington's chorea (Finch), EDITORIAL, 406
- Hydrocephalus**
intraventricular hemorrhage in high-risk preterm infant (Ahmann et al), 118
- Hydrocortisone**
mechanisms of increased brain glucose and glycogen after hydrocortisone (Thurston et al), 515
- L-5-Hydroxytryptophan**
treatment of myoclonus with L-5-hydroxytryptophan and carbidopa, clinical, electrophysiological, and biochemical observations (Thal et al), 570
- Hyperthermia**
central core disease and malignant hyperthermia syndrome (Frank et al), 11
- Hypophsectomy**
pituitary adenomas, clinicopathological and immunohistochemical study (Martinez et al), 24
- Hypotheses**
disseminated vasculomyelinopathy, an immune complex disease (Reik), 291
mechanisms underlying epileptiform burst discharge (Schwartzkroin and Wyler), 95
- Hypoventilation**
management of hypoventilation in motor neuron disease presenting with respiratory insufficiency (Sivak and Streib), 188
- Hypsarrhythmia**
unilateral hemispheric ganglioglioma with infantile spasms (Gabriel), LETTER, 287
- Ichthyosis**
multisystem triglyceride storage disorder with impaired long-chain fatty acid oxidation (Angelini et al), 5
- Immune complex diseases**
disseminated vasculomyelinopathy, an immune complex disease (Reik), HYPOTHESIS, 291
rheumatoid disease with encephalopathy (Kim), 86

- Immune dysfunction**
 autosomal dominant cerebrovascular amyloidosis, properties of peripheral blood lymphocytes (Stefansson et al), 436
- Immune response**
 immunocytochemical method to identify myelin basic protein in oligodendroglia and myelin sheaths of human nervous system (Itoyama et al), 157
 immunocytochemical observations on distribution of myelin-associated glycoprotein and myelin basic protein in multiple sclerosis lesions (Itoyama et al), 167
 immunoreactive myelin basic protein in cerebrospinal fluid in neurological disorders (Whitaker et al), 58
 interaction of multiple sclerosis serum with liposomes containing ganglioside G_{M1} (Mullin et al), 587
 molecular features of immunoreactive myelin basic protein in cerebrospinal fluid of persons with multiple sclerosis (Bashir and Whitaker), 50
 mycoplasma antibody in Guillain-Barré syndrome and other neurological disorders (Goldschmidt et al), 108
 prevention of experimental allergic encephalomyelitis in Lewis rats with peptide 68-88 of guinea pig myelin basic protein (Chou et al), 336
- Immunocytochemistry**
 immunocytochemical method to identify myelin basic protein in oligodendroglia and myelin sheaths of human nervous system (Itoyama et al), 157
 immunocytochemical observations on distribution of myelin-associated glycoprotein and myelin basic protein in multiple sclerosis lesions (Itoyama et al), 167
- Immunohistochemistry**
 pituitary adenomas, clinicopathological and immunohistochemical study (Martinez et al), 24
- Infantile neuroaxonal dystrophy**
 diagnosis of infantile neuroaxonal dystrophy by skin biopsy (Wisniewski and Wisniewski), 377
- Infantile spasms**
 unilateral hemispheric ganglioglioma with infantile spasms (Gabriel), LETTER, 287
- Infectious diseases**
 cerebral herniation in bacterial meningitis in childhood (Horwitz et al), 524
 mycoplasma antibody in Guillain-Barré syndrome and other neurological disorders (Goldschmidt et al), 108
- Inflammatory diseases**
 mycoplasma antibody in Guillain-Barré syndrome and other neurological disorders (Goldschmidt et al), 108
- Inhibitor factor**
 chronic Leigh disease, genetic and biochemical study (Plaitakis et al), 304
- Innervation**
 undecussated innervation to sternocleidomastoid muscle (Balagura and Katz), 84
- Integrator**
 cerebellar control of ocular gaze stability (Zee et al), 37
- Interferon, therapy for ALS** (Rissanen et al), LETTER, 392
- Intracranial pressure**
 treatment of Reye syndrome (Trauner), EDITORIAL REVIEW, 2
- Intraventricular hemorrhage, in high-risk preterm infant** (Ahmann et al), 118
- Ion flux**
 mechanisms underlying epileptiform burst discharge (Schwartzkroin and Wyler), HYPOTHESIS, 95
- Ischemia**
 cerebral microvessel 2-deoxy-D-glucose uptake during ischemia-induced seizures (Nell and Welch), 457
- Isoenzymes**
 serum creatine kinase BB and MM concentrations determined by radioimmunoassay in neuromuscular disorders (Zweig et al), 324
- Isoprinosine, treatment in 18 patients with subacute sclerosing panencephalitis** (Haddad and Risk), 185
- Jogging**
 hemorrhage within brain tumors during jogging (Downey et al), LETTER, 496
- Kearns-Shy syndrome**
 neuropathy and mitochondrial myopathy (Peyronnard et al), 262
- Ketone bodies**
 mechanisms of increased brain glucose and glycogen after hydrocortisone (Thurston et al), 515
- Korsakoff psychosis**
 memory enhancement in Korsakoff's psychosis by clonidine, further evidence for a noradrenergic deficit (McEntee and Mair), 466
- Kuru**
 properties of transmissible agent derived from chronic spongiform encephalopathy (Tateishi et al), LETTER, 390
- Language disorders**
 children's language disorders, recent research advances (Ludlow), CURRENT REVIEW, 497
- Learning disorders**
 children's language disorders, recent research advances (Ludlow), CURRENT REVIEW, 497
- Left hemisphere**
 children's language disorders, recent research advances (Ludlow), CURRENT REVIEW, 497
- Leigh disease**
 chronic Leigh disease, genetic and biochemical study (Plaitakis et al), 304
- Leopold, Samuel**
 tribute to Samuel Leopold, MD (Schlezinger), LETTER, 591
- Letters**
 anticholinergics for Parkinson disease (Hurtig), 495
 association of myasthenia gravis with multiple hamartoma syndrome (Cowden disease) (Yuasa), 591
 asymmetrical pupillary slowing and degree of severity in myasthenia gravis (Bryant), 288; reply (Lepore et al), 289
- Brainstem auditory evoked responses in palatal myoclonus** (Epstein et al), 592
- conus tuberculoma responding to chemotherapy** (Bradbury and Davis), 392
- cubital tunnel syndrome and ulnar neuropathy** (Brown et al), 289; reply (Miller), 290
- cyclandelate in diabetic radiculoneuropathy** (van der Drift), 388
- diabetic superior branch palsy of oculomotor nerve** (Masucci and Kurtzke), 493
- L-dopa in children with progressive neurological disorders** (Bugiani and Gatti), 93
- drowning in epilepsy** (Livingston et al), 495
- eating epilepsy** (Cirignotta and Lugaresi), 393; reply (Robertson and Fariello), 393
- fatal Reye-like syndrome associated with valproic acid** (Young et al), 389

- hemorrhage within brain tumors during jogging (Downey et al), 496
improvement of Guillain-Barré syndrome by hemodialysis (Vital et al), 496
interactional studies with sodium valproate and naloxone (Cowan), 388
interferon therapy for ALS (Rissanen et al), 392
lorazepam in therapy for status epilepticus (Griffith and Karp), 493
lymphokine production in multiple sclerosis (Vertosick and Kelly), 391; reply (Willoughby et al), 391
metrizamide encephalopathy (Vincent and Zimmerman), 494
motorcyclists and head injuries (André-Kildare), 389
properties of transmissible agent derived from chronic spongiform encephalopathy (Tateishi et al), 390
resolution of classic migraine after removal of occipital lobe AVM (Kattah and Luessenhop), 93
seizures in sarcoidosis, poor prognosis (Delaney), 494
spontaneous pneumothorax and multiple sclerosis (Melton and Bartleson), 492
tribute to Samuel Leopold, MD (Schlezinger), 591
unilateral hemispheric ganglioglioma with infantile spasms (Gabriel), 287
- Leukocyte inhibitory factor**
- lymphokine production in multiple sclerosis (Vertosick and Kelly), LETTER, 391; reply (Willoughby et al), LETTER, 391
- Leukocytes**
- PMNs in normal spinal fluid examined by cytocentrifuge technique (Simon and Koerper), 380
- Levodopa**
- anticholinergics for Parkinson disease (Hurtig), LETTER, 495
- L-dopa in children with progressive neurological disorders (Bugiani and Gatti), LETTER, 93
- Lipids**
- adrenoleukodystrophy, elevated C26 fatty acid in cultured skin fibroblasts (Moser et al), 542
- multisystem triglyceride storage disorder with impaired long-chain fatty acid oxidation (Angelini et al), 5
- Liposomes**
- interaction of multiple sclerosis serum with liposomes containing ganglioside G_{M1} (Mullin et al), 587
- Lorazepam**, in therapy for status epilepticus (Griffith and Karp), LETTER, 493
- Lung**
- carcinomatous neuromyopathy of oat cell lung cancer (Hawley et al), 65
- spontaneous pneumothorax and multiple sclerosis (Melton and Bartleson), LETTER, 492
- Lymphedema**
- hereditary spinal arachnoid cysts, distichiasis, and lymphedema (Schwartz et al), 340
- Lymphocyte capping**
- autosomal dominant cerebrovascular amyloidosis, properties of peripheral blood lymphocytes (Stefansson et al), 436
- Lymphocytes**
- autosomal dominant cerebrovascular amyloidosis, properties of peripheral blood lymphocytes (Stefansson et al), 436
- Lymphokines**
- lymphokine production in multiple sclerosis (Vertosick and Kelly), LETTER, 391; reply (Willoughby et al), LETTER, 391
- Malignant hyperthermia**
- central core disease and malignant hyperthermia syndrome (Frank et al), 11
- Medulloblastoma**, presenting as neck tumors in 2 infants (McComb et al), 113
- Memory**
- memory enhancement in Korsakoff's psychosis by clonidine, further evidence for a noradrenergic deficit (McEntee and Mair), 466
- transient global amnesia (Shuping et al), 281
- Meningitis**
- cerebral herniation in bacterial meningitis in childhood (Horwitz et al), 524
- seizures in sarcoidosis, poor prognosis (Delaney), LETTER, 494
- Metabolic diseases**
- multisystem triglyceride storage disorder with impaired long-chain fatty acid oxidation (Angelini et al), 5
- peripheral nerve conduction in Fabry disease (Sheth and Swick), 319
- Metabolism**
- adrenoleukodystrophy, elevated C26 fatty acid in cultured skin fibroblasts (Moser et al), 542
- chronic Leigh disease, genetic and biochemical study (Plaitakis et al), 304
- glutamate dehydrogenase deficiency in three patients with spinocerebellar syndrome (Plaitakis et al), 297
- glycerol kinase deficiency with neuromuscular, skeletal, and adrenal abnormalities (Guggenheim et al), 441
- interaction of multiple sclerosis serum with liposomes containing ganglioside G_{M1} (Mullin et al), 587
- valproic acid and ethosuximide interaction (Mattson and Cramer), 583
- Metastasis**
- medulloblastoma presenting as neck tumors in 2 infants (McComb et al), 113
- radiation therapy for brain metastases (Cairncross et al), 529
- Methylmercury**
- fetal methylmercury poisoning, clinical and toxicological data on 29 cases (Marsh et al), 348
- Metrizamide**, encephalopathy (Vincent and Zimmerman), LETTER, 494
- Mice.** See Developing mice
- Migraine**
- resolution of classic migraine after removal of occipital lobe AVM (Kattah and Luessenhop), LETTER, 93
- Mitral valve**
- familial stroke syndrome associated with mitral valve prolapse (Rice et al), 130
- Mongolism**
- neurofibrillary tangles, granulovacuolar degeneration, and neuron loss in Down syndrome, quantitative comparison with Alzheimer dementia (Ball and Nuttall), 462
- startle epilepsy complicating Down syndrome during adulthood (Giménez-Roldán and Martín), 78
- Monkeys**
- effects of manipulation of sensorimotor system on focal motor seizures in the monkey (Hosokawa et al), 222
- local cerebral glucose utilization in newborn and pubescent monkeys during focal motor seizures (Kato et al), 204
- propagation of focal motor seizures in pubescent monkey (Caveness et al), 213
- spinal evoked potential in the monkey (Feldman et al), 238

- Monkeys (continued)**
 tables of local cerebral glucose utilization in various experimental preparations, APPENDIX, 230
- Motorcycle riders**
 motorcyclists and head injuries (André-Kildare), LETTER, 389
- Motor neuron disease**
 management of hypoventilation in motor neuron disease presenting with respiratory insufficiency (Sivak and Streib), 188
- Mucopolysaccharidosis**
 myelopathy in mucopolysaccharidosis type II (Hunter syndrome) (Ballenger et al), 382
- Multiinfarct dementia**
 pathological verification of ischemic score in differentiation of dementias (Rosen et al), 486
- Multiple sclerosis**
 brainstem auditory evoked responses in 200 patients with multiple sclerosis (Chiappa et al), 135
 immunocytochemical method to identify myelin basic protein in oligodendroglia and myelin sheaths of human nervous system (Itoyama et al), 157
 immunocytochemical observations on distribution of myelin-associated glycoprotein and myelin basic protein in multiple sclerosis lesions (Itoyama et al), 167
 immunoreactive myelin basic protein in cerebrospinal fluid in neurological disorders (Whitaker et al), 58
 interaction of multiple sclerosis serum with liposomes containing ganglioside G_{M1} (Mullin et al), 587
 lymphokine production in multiple sclerosis (Vertosick and Kelly), LETTER, 391; reply (Willoughby et al), LETTER, 391
 molecular features of immunoreactive myelin basic protein in cerebrospinal fluid of persons with multiple sclerosis (Bashir and Whitaker), 50
 spontaneous pneumothorax and multiple sclerosis (Melton and Bartleson), LETTER, 492
- Muscle**
 cylindrical spirals in a familial neuromuscular disorder (Bove et al), 550
 undescended innervation to sternocleidomastoid muscle (Balagura and Katz), 84
- Muscle function**
 neurotonia, impulse-induced repetitive discharges in motor nerves in peripheral neuropathy (Warmolts and Mendell), 245
- Muscular dystrophy**
 serum creatine kinase BB and MM concentrations determined by radioimmunoassay in neuromuscular disorders (Zweig et al), 324
- Musculoskeletal abnormalities**
 central core disease and malignant hyperthermia syndrome (Frank et al), 11
- Myasthenia gravis**
 association of myasthenia gravis with multiple hamartome syndrome (Cowden disease) (Yuasa), LETTER, 591
 asymmetrical pupillary slowing and degree of severity in myasthenia gravis (Bryant), LETTER, 288; reply (Lepore et al), LETTER, 289
- Mycoplasma pneumoniae**
 mycoplasma antibody in Guillain-Barré syndrome and other neurological disorders (Goldschmidt et al), 108
- Myelin basic protein**
 immunocytochemical method to identify myelin basic protein in oligodendroglia and myelin sheaths of human nervous system (Itoyama et al), 157
- immunocytochemical observations on distribution of myelin-associated glycoprotein and myelin basic protein in multiple sclerosis lesions (Itoyama et al), 167
 immunoreactive myelin basic protein in cerebrospinal fluid in neurological disorders (Whitaker et al), 58
 molecular features of immunoreactive myelin basic protein in cerebrospinal fluid of persons with multiple sclerosis (Bashir and Whitaker), 50
 prevention of experimental allergic encephalomyelitis in Lewis rats with peptide 68-88 of guinea pig myelin basic protein (Chou et al), 336
- Myelography**
 metrizamide encephalopathy (Vincent and Zimmerman), LETTER, 494
- Myelopathy, in mucopolysaccharidosis type II (Hunter syndrome)**, 382
- Myoclonus**
 peripheral neuropathy in cherry-red spot-myoclonus syndrome (sialidosis type I) (Steinman et al), 450
 treatment of myoclonus with L-5-hydroxytryptophan and carbidopa, clinical, electrophysiological, and biochemical observations (Thal et al), 570
- Myopathy**
 cylindrical spirals in a familial neuromuscular disorder (Bove et al), 550
 neuropathy and mitochondrial myopathy (Peyronnard et al), 262
- Myotonia**
 cylindrical spirals in a familial neuromuscular disorder (Bove et al), 550
- Naloxone**
 interactional studies with sodium valproate and naloxone (Cowan), LETTER, 388
- Narcolepsy**
 sleep apnea, narcolepsy, and dreaming, regional cerebral hemodynamics (Meyer et al), 479
- Neonatal apnea**
 heart rate changes in convulsive and nonconvulsive neonatal apnea (Fenichel et al), 577
- Nerve**
 pure axonal neuropathy, nerve xenografts and clinicopathological study of a family with peripheral neuropathy, hereditary ataxia, focal necrotizing encephalopathy, and spongy degeneration of brain (Appenzeller et al), 251
- Nerve compression**
 cubital tunnel syndrome, treatment with simple decompression (Miller and Hummel), 567
 cubital tunnel syndrome and ulnar neuropathy (Brown et al), LETTER, 289; reply (Miller), LETTER, 290
- Nerve conduction**
 cyclandelate in diabetic radiculoneuropathy (van der Drift), LETTER, 388
 peripheral nerve conduction in Fabry disease (Sheth and Swick), 319
- Nerve stimulation**
 spinal evoked potential in the monkey (Feldman et al), 238
- Neural axis**
 characterization of clinical CSF dynamics and neural axis compliance using pressure-volume index—the normal index (Shapiro et al), 508
- Neuraminidase**
 peripheral neuropathy in cherry-red spot-myoclonus syndrome (sialidosis type I) (Steinman et al), 450

- Neuroaxonal dystrophy**
 diagnosis of infantile neuroaxonal dystrophy by skin biopsy (Wisniewski and Wisniewski), 377
 neuroaxonal dystrophy and hemosiderin in central nervous system (Sadeh and Sandbank), NOTE, 286
- Neurofibrillary degeneration**
 central cholinergic activity in aluminum-induced neurofibrillary degeneration (Hetnarski et al), 489
- Neurofibrillary tangles, granulovacuolar degeneration, and neuron loss in Down syndrome, quantitative comparison with Alzheimer dementia** (Ball and Nuttall), 462
- Neurology**
 impressions of neurology and neurosurgery in the People's Republic of China (Tower and Feindel), EDITORIAL REVIEW, 395
- Neuromyopathy**
 carcinomatous neuromyopathy of oat cell lung cancer (Hawley et al), 65
- Neuropathy**
 acute sensory neuropathy syndrome (Sterman et al), 354
- Neuropathy. See Peripheral neuropathy; Sensory neuropathy**
- Neurosurgery**
 impressions of neurology and neurosurgery in the People's Republic of China (Tower and Feindel), EDITORIAL REVIEW, 395
- Neurotonia, impulse-induced repetitive discharges in motor nerves in peripheral neuropathy** (Warmolts and Mendell), 245
- Newborn**
 local cerebral glucose utilization in newborn and pubescent monkeys during focal motor seizures (Kato et al), 204
- Norepinephrine**
 memory enhancement in Korsakoff's psychosis by clonidine, further evidence for a noradrenergic deficit (McEntee and Mair), 466
- Nystagmus**
 cerebellar control of ocular gaze stability (Zee et al), 37
 optokinetic nystagmus and parietal lobe lesions (Baloh et al), 269
 pituitary apoplexy with retraction nystagmus (Poisson et al), NOTE, 286
 reversed optokinetic nystagmus (OKN) (Halmagyi et al), 429
- Oat cell cancer**
 carcinomatous neuromyopathy of oat cell lung cancer (Hawley et al), 65
- Occipital lobe**
 resolution of classic migraine after removal of occipital lobe AVM (Kattah and Luessenhop), LETTER, 93
- Oculomotor function**
 absence of REM and altered NREM sleep in patients with spinocerebellar degeneration and slow saccades (Osorio and Daroff), 277
 asymmetrical pupillary slowing and degree of severity in myasthenia gravis (Bryant), LETTER, 288; reply (Lepore et al), LETTER, 289
 cerebellar control of ocular gaze stability (Zee et al), 37
 optokinetic nystagmus and parietal lobe lesions (Baloh et al), 269
 pituitary apoplexy with retraction nystagmus (Poisson et al), NOTE, 286
 reversed optokinetic nystagmus (OKN) (Halmagyi et al), 429
- Oculomotor nerve**
 diabetic superior branch palsy of oculomotor nerve (Masucci and Kurtzke), LETTER, 493
- Ophthalmic division**
 cold face test in assessment of trigeminal-brainstem-vagal function in humans (Khurana et al), 144
- Ophthalmoplegia**
 diabetic superior branch palsy of oculomotor nerve (Masucci and Kurtzke), LETTER, 493
- Ophthalmoplegia-plus**
 neuropathy and mitochondrial myopathy (Peyronnard et al), 262
- Optokinetic nystagmus**
 optokinetic nystagmus and parietal lobe lesions (Baloh et al), 269
 reversed optokinetic nystagmus (OKN) (Halmagyi et al), 429
- β -Oxidation**
 multisystem triglyceride storage disorder with impaired long-chain fatty acid oxidation (Angelini et al), 5
- Palatal myoclonus**
 brainstem auditory evoked responses in palatal myoclonus (Epstein et al), LETTER, 592
- Pancreatitis, associated with valproic acid therapy for epilepsy** (Coulter and Allen), NOTE, 92
- Paralysis**
 myopathy in mucopolysaccharidosis type II (Hunter syndrome) (Ballenger et al), 382
- Parietal lobe**
 optokinetic nystagmus and parietal lobe lesions (Baloh et al), 269
- Parkinson disease**
 anticholinergics for Parkinson disease (Hurtig), LETTER, 495
 Parkinson disease, dementia, and Alzheimer disease, clinicopathological correlations (Boller et al), 329
- Parotid gland**
 acute parotitis and hyperamylasemia following whole-brain radiation therapy (Cairncross et al), 385
- Parotitis**
 acute parotitis and hyperamylasemia following whole-brain radiation therapy (Cairncross et al), 385
- Pediatrics**
 cerebral herniation in bacterial meningitis in childhood (Horwitz et al), 524
 children's language disorders, recent research advances (Ludlow), CURRENT REVIEW, 497
 diagnosis of infantile neuroaxonal dystrophy by skin biopsy (Wisniewski and Wisniewski), 377
 L-dopa in children with progressive neurological disorders (Bugiani and Gratti), LETTER, 93
 fetal methylmercury poisoning, clinical and toxicological data on 29 cases (Marsh et al), 348
 heart rate changes in convulsive and nonconvulsive neonatal apnea (Fenichel et al), 577
 intraventricular hemorrhage in high-risk preterm infant (Ahmann et al), 118
 medulloblastoma presenting as neck tumors in 2 infants (McComb et al), 113
 unilateral hemispheric ganglioglioma with infantile spasms (Gabriel), LETTER, 287
- Perception**
 barognosia in a patient with hemiataxia (Angel), 73
- Peripheral nerves**
 peripheral nerve conduction in Fabry disease (Sheth and Swick), 319

- Peripheral nerves (continued)**
- radiation-induced malignant and atypical peripheral nerve sheath tumors (Foley et al), 311
 - Peripheral neuropathy**
 - acute sensory neuronopathy syndrome (Sterman et al), 354
 - carcinomatous neuromyopathy of oat cell lung cancer (Hawley et al), 65
 - cubital tunnel syndrome, treatment with simple decompression (Miller and Hummel), 567
 - cubital tunnel syndrome and ulnar neuropathy (Brown et al), LETTER, 289; reply (Miller), LETTER, 290
 - cyclandelate in diabetic radiculoneuropathy (van der Drift), LETTER, 388
 - improvement of Guillain-Barré syndrome by hemodialysis (Vital et al), LETTER, 496
 - mycoplasma antibody in Guillain-Barré syndrome and other neurological disorders (Goldschmidt et al), 108
 - neuropathy and mitochondrial myopathy (Peyronnard et al), 262
 - neuropenia, impulse-induced repetitive discharges in motor nerves in peripheral neuropathy (Warmolts and Mendell), 245
 - peripheral neuropathy in cherry-red spot-myoclonus syndrome (sialidosis type I) (Steinman et al), 450
 - pure axonal neuropathy, nerve xenografts and clinicopathological study of a family with peripheral neuropathy, hereditary ataxia, focal necrotizing encephalopathy, and spongy degeneration of brain (Appenzeller et al), 251
 - sarcoid polyneuropathy, a histologically proved case (Oh), 178
 - Phentolamine**
 - effect of alpha-adrenergic innervation on caudate blood flow (Levy and Wicke), 150
 - Phenylacetate**
 - neuropathology of phenylacetate poisoning in rats, experimental model of phenylketonuria (Wen et al), 557
 - Phenylephrine**
 - effect of alpha-adrenergic innervation on caudate blood flow (Levy and Wicke), 150
 - Phenytoin**
 - cerebellar degeneration due to chronic phenytoin therapy (McLain et al), 18
 - reduced seizure control due to spoiled phenytoin capsules (Cloyd et al), 191
 - Pituitary adenomas, clinicopathological and immunohistochemical study (Martinez et al), 24**
 - Pituitary apoplexy with retraction nystagmus (Poisson et al), NOTE, 286**
 - Plasmapheresis**
 - improvement of Guillain-Barré syndrome by hemodialysis (Vital et al), LETTER, 496
 - Pleocytosis**
 - brainstem abscess and syndrome of acute tegmental encephalitis (Harvey and Carlow), 371
 - Pneumothorax**
 - spontaneous pneumothorax and multiple sclerosis (Melton and Bartleson), LETTER, 492
 - Poisoning. See also Toxicity**
 - acute ataxia associated with ciguatera-type (grouper) tropical fish poisoning (Jones), NOTE, 491
 - fetal methylmercury poisoning, clinical and toxicological data on 29 cases (Marsh et al), 348
 - neuropathology of phenylacetate poisoning in rats, experimental model of phenylketonuria (Wen et al), 557
 - Polycythemia**
 - extramedullary hematopoiesis and spinal cord compression complicating polycythemia rubra vera (Rice et al), 81
 - Polymorphonuclear leukocytes**
 - PMNs in normal spinal fluid examined by cytocentrifuge technique (Simon and Koerner), 380
 - Polymyositis**
 - serum creatine kinase BB and MM concentrations determined by radioimmunoassay in neuromuscular disorders (Zweig et al), 324
 - Polyradiculoneuropathy**
 - mycoplasma antibody in Guillain-Barré syndrome and other neurological disorders (Goldschmidt et al), 108
 - Postural control**
 - multisensory physiological and pathological vertigo syndromes (Brandt and Daroff), CLINICAL REVIEW, 195
 - Potassium**
 - mechanisms underlying epileptiform burst discharge (Schwartzkroin and Wyler), HYPOTHESIS, 95
 - Prematurity**
 - intraventricular hemorrhage in high-risk preterm infant (Ahmann et al), 118
 - Pressure-volume index**
 - characterization of clinical CSF dynamics and neural axis compliance using pressure-volume index—the normal index (Shapiro et al), 508
 - Prostaglandins**
 - lymphokine production in multiple sclerosis (Vertosick and Kelly), LETTER, 391; reply (Willoughby et al), LETTER, 391
 - Pseudomyotonia**
 - neuropenia, impulse-induced repetitive discharges in motor nerves in peripheral neuropathy (Warmolts and Mendell), 245
 - Psychomotor retardation**
 - fetal methylmercury poisoning, clinical and toxicological data on 29 cases (Marsh et al), 348
 - Rabbits**
 - central cholinergic activity in aluminum-induced neurofibrillary degeneration (Hetnarski et al), 489
 - Radiation**
 - acute parotitis and hyperamylasemia following whole-brain radiation therapy (Cairncross et al), 385
 - radiation-induced malignant and atypical peripheral nerve sheath tumors (Foley et al), 311
 - radiation therapy for brain metastases (Cairncross et al), 529
 - Ragged-red fibers**
 - neuropathy and mitochondrial myopathy (Peyronnard et al), 262
 - Rats**
 - neuropathology of phenylacetate poisoning in rats, experimental model of phenylketonuria (Wen et al), 557
 - prevention of experimental allergic encephalomyelitis in Lewis rats with peptide 68-88 of guinea pig myelin basic protein (Chou et al), 336
 - Reflex pathway**
 - cold face test in assessment of trigeminal-brainstem-vagal function in humans (Khurana et al), 144
 - Remote effects**
 - carcinomatous neuromyopathy of oat cell lung cancer (Hawley et al), 65

- REM sleep**
 absence of REM and altered NREM sleep in patients with spinocerebellar degeneration and slow saccades (Osorio and Daroff), 277
 normal human sleep, regional cerebral hemodynamics (Sakai et al), 471
- Reviews**
 children's language disorders, recent research advances (Ludlow), 497
 impressions of neurology and neurosurgery in the People's Republic of China (Tower and Feindel), 395
 multisensory physiological and pathological vertigo syndromes (Brandt and Daroff), 195
 treatment of Reye syndrome (Trauner), 2
- Reye syndrome**
 fatal Reye-like syndrome associated with valproic acid (Young et al), LETTER, 389
 treatment of Reye syndrome (Trauner), EDITORIAL REVIEW, 2
- Rheumatoid disease, with encephalitis (Kim)**, 86
- Saccades**
 absence of REM and altered NREM sleep in patients with spinocerebellar degeneration and slow saccades (Osorio and Daroff), 277
- Sarcoidosis**
 sarcoid polyneuropathy, a histologically proved case (Oh), 178
 seizures in sarcoidosis, poor prognosis (Delaney), LETTER, 494
- Sciatic nerve**
 spinal evoked potential in the monkey (Feldman et al), 238
- Seitelberger disease**
 diagnosis of infantile neuroaxonal dystrophy by skin biopsy (Wisniewski and Wisniewski), 377
- Seizures. See Epilepsy**
- Senile dementia**
 neurofibrillary tangles, granulovacuolar degeneration, and neuron loss in Down syndrome, quantitative comparison with Alzheimer dementia (Ball and Nuttall), 462
 Parkinson disease, dementia, and Alzheimer disease, clinicopathological correlations (Boller et al), 329
 pathological verification of ischemic score in differentiation of dementias (Rosen et al), 486
- Sensory neuropathy**
 acute sensory neuronopathy syndrome (Sterman et al), 354
- Serology**
 mycoplasma antibody in Guillain-Barré syndrome and other neurological disorders (Goldschmidt et al), 108
- Sialidosis**
 peripheral neuropathy in cherry-red spot-myoclonus syndrome (sialidosis type I) (Steinman et al), 450
- Skin**
 adrenoleukodystrophy, elevated C26 fatty acid in cultured skin fibroblasts (Moser et al), 542
- Sleep**
 normal human sleep, regional cerebral hemodynamics (Sakai et al), 471
- Sleep disorders**
 absence of REM and altered NREM sleep in patients with spinocerebellar degeneration and slow saccades (Osorio and Daroff), 277
 sleep apnea, narcolepsy, and dreaming, regional cerebral hemodynamics (Meyer et al), 479
- Sodium valproate. See Valproic acid**
- Spasticity**
 L-dopa in children with progressive neurological disorders (Bugiani and Gatti), LETTER, 93
- Spinal cord**
 central cholinergic activity in aluminum-induced neurofibrillary degeneration (Hettner et al), 489
 conus tuberculoma responding to chemotherapy (Bradbury and Davis), LETTER, 392
 hereditary spinal arachnoid cysts, distichiasis, and lymphedema (Schwartz et al), 340
 myelopathy in mucopolysaccharidosis type II (Hunter syndrome) (Ballenger et al), 382
 spinal evoked potential in the monkey (Feldman et al), 238
- Spinal cord compression**
 extramedullary hematopoiesis and spinal cord compression complicating polycythemia rubra vera (Rice et al), 81
 myelopathy in mucopolysaccharidosis type II (Hunter syndrome) (Ballenger et al), 382
- Spinocerebellar degeneration**
 absence of REM and altered NREM sleep in patients with spinocerebellar degeneration and slow saccades (Osorio and Daroff), 277
- Spongiform encephalopathy**
 properties of transmissible agent derived from chronic spongiform encephalopathy (Tateishi et al), LETTER, 390
- Sports**
 hemorrhage within brain tumors during jogging (Downey et al), LETTER, 496
- Startle epilepsy, complicating Down syndrome during adulthood (Giménez-Roldán and Martín)**, 78
- Status epilepticus**
 lorazepam in therapy for status epilepticus (Griffith and Karp), LETTER, 493
- Sternocleidomastoid muscle**
 undecussated innervation to sternocleidomastoid muscle (Balagura and Katz), 84
- Steroids**
 acute parotitis and hyperamylasemia following whole-brain radiation therapy (Cairncross et al), 385
 radiation therapy for brain metastases (Cairncross et al), 529
- Striatum**
 relationships of aging changes in basal ganglia to manifestations of Huntington's chorea (Finch), EDITORIAL, 406
- Subacute necrotizing encephalomyelopathy**
 chronic Leigh disease, genetic and biochemical study (Plaitakis et al), 304
- Subacute sclerosing panencephalitis**
 isoprinosine treatment in 18 patients with subacute sclerosing panencephalitis (Haddad and Risk), 185
- Subependymal hemorrhage**
 intraventricular hemorrhage in high-risk preterm infant (Ahmann et al), 118
- Superior branch palsy**
 diabetic superior branch palsy of oculomotor nerve (Masucci and Kurtzke), LETTER, 493
- Tables, of local cerebral glucose utilization in various experimental preparations**, APPENDIX, 230
- Tegmental encephalitis**
 brainstem abscess and syndrome of acute tegmental encephalitis (Harvey and Carlow), 371

- Tic douloureux**
prolonged relief of tic douloureux from partial root destruction is associated with localized analgesia (Ecker), 181
- Tics**
Gilles de la Tourette syndrome, clinical and family study of 50 cases (Nee et al), 41
- Tourette syndrome**
Gilles de la Tourette syndrome, clinical and family study of 50 cases (Nee et al), 41
- Toxicity. See also Poisoning**
metrizamide encephalopathy (Vincent and Zimmerman), LETTER, 494
- Transient global amnesia** (Shuping et al), 281
- Transient ischemic attack**
transient global amnesia (Shuping et al), 281
- Trigeminal nerve**
masticatory spasm in facial hemiatrophy (Kaufman), 585
- Trigeminal neuralgia**
prolonged relief of tic douloureux from partial root destruction is associated with localized analgesia (Ecker), 181
- Tuberculoma**
conus tuberculoma responding to chemotherapy (Bradbury and Davis), LETTER, 392
- Tumors. See Brain tumors and specific type**
- Ulnar neuropathy**
cubital tunnel syndrome, treatment with simple decompression (Miller and Hummel), 567
cubital tunnel syndrome and ulnar neuropathy (Brown et al), LETTER, 289; reply (Miller), LETTER, 290
- Vagal bradycardia**
cold face test in assessment of trigeminal-brainstem-vagal function in humans (Khurana et al), 144
- Valproic acid**
fatal Reye-like syndrome associated with valproic acid (Young et al), LETTER, 389
- interactional studies with sodium valproate and naloxone (Cowan), LETTER, 388**
- pancreatitis associated with valproic acid therapy for epilepsy (Coulter and Allen), NOTE, 92**
- valproic acid and ethosuximide interaction (Mattson and Cramer), 583**
- Vasculitis**
disseminated vasculomyelinopathy, an immune complex disease (Reik), HYPOTHESIS, 291
- Vasculomyelinopathy**
disseminated vasculomyelinopathy, an immune complex disease (Reik), HYPOTHESIS, 291
- Vertigo**
multisensory physiological and pathological vertigo syndromes (Brandt and Daroff), CLINICAL REVIEW, 195
- Vestibular function**
multisensory physiological and pathological vertigo syndromes (Brandt and Daroff), CLINICAL REVIEW, 195
- Viral diseases**
interferon therapy for ALS (Rissanen et al), LETTER, 392
isoprinosine treatment in 18 patients with subacute sclerosing panencephalitis (Haddad and Risk), 185
mycoplasma antibody in Guillain-Barré syndrome and other neurological disorders (Goldschmidt et al), 108
properties of transmissible agent derived from chronic spongiform encephalopathy (Tateishi et al), LETTER, 390
treatment of Reye syndrome (Trauner), EDITORIAL REVIEW, 2
- Voluntary control**
neurotonia, impulse-induced repetitive discharges in motor nerves in peripheral neuropathy (Warmolts and Mendell), 245
- Xenografts**
pure axonal neuropathy, nerve xenografts and clinicopathological study of a family with peripheral neuropathy, hereditary ataxia, focal necrotizing encephalopathy, and spongy degeneration of brain (Appenzeller et al), 251

